



# 2017 UTAH SEARCH AND RESCUE ANNUAL REPORT

## 2017 Search and Rescue Annual Report

### **Note from the Chairman:**

On behalf of the Utah Search and Rescue Advisory Board, I'd like to thank our statewide search and rescue teams for their continued dedication to performing skilled rescues and recoveries that benefit those recreating in our State. Year after year I am amazed at the skillset and efforts of our individual teams as they train and devote themselves to serving their individual counties. Equally impressive is seeing SAR teams respond to the call from neighboring counties. We saw many SAR teams come together to assist with the Provo River drowning incident, as well as the Box Elder plane search incident. This goes to show how crucial our statewide trainings are and the partnerships that are formed at these events.

We had a successful year for the Search and Rescue Statewide Reimbursement Program. With the introduction of the Utah Search and Rescue Assistance Card in May, we benefitted from \$30,000 additional dollars to return back to the submitting counties. We would like to thank our partners at the Governor's Office of Economic Development and Utah Interactive for their hard work and insight in marketing and supporting the card. It is our goal to continue to inform the public of this great tool to support our statewide search and rescue teams.

Key statistics from the 2017 Search and Rescue Reimbursement Program include:

- \$273,218 total reimbursement to participating counties
- 23 counties submitting financial and statistical reports
- 584 reported missions by county search and rescue teams

Again, we appreciate the continued support to the Search and Rescue Advisory Board and the Statewide Reimbursement Program. We will continue to further our efforts in order to sustain our statewide teams and to ensure successful statewide rescues.

Sincerely,



Sheriff Steven White, Chair

### **The Search and Rescue Advisory Board:**

Steven White, Utah Sheriffs' Association, Chair

Jim Porter, Utah Sheriff's Search and Rescue Association, Co-Chair

Monte Coleman, Utah Sheriff's Search and Rescue Association

Nathan Curtis, Utah Sheriffs' Association

Cory Pulsipher, Utah Sheriffs' Association

Kris Hamlet, Director, Utah Division of Emergency Management

Anna Rae Garrett, Citizen-at-Large

### **Board Support**

Marcus Yockey, Legal Counsel, Utah Attorney General's Office

Tara Behunin, Admin Support, Utah Division of Emergency Management

(These members are appointed to meet the terms according to Section 53-2a-1103).

## 2017 Search and Rescue Annual Report

### The House Bill

In 1997, John L. Valentine sponsored House Bill 32, creating the Search and Rescue (SAR) Financial Assistance Program. The Act, relating to public safety, imposes a Search and Rescue surcharge or fee to off-highway registered or renewed vehicles, registered or renewed motorboats and sailboats, and annual fishing and hunting licenses. These contributions are deposited into the State General Fund and dedicated to the Search and Rescue Financial Assistance Program.

These funds are available to reimburse counties for any eligible and reasonable costs incidental to search and rescue activities, not including any salary or overtime paid to any person on a regular or permanent payroll, including permanent part-time employees. Some of the approved costs are as follows:

- Rental for fixed wing aircraft, helicopters, snowmobiles, boats, and generators;
- Replacement and upgrade of search and rescue equipment;
- Training of search and rescue volunteers; and
- Any other equipment or expenses necessary or appropriate for conducting search and rescue activities.

The Search and Rescue Advisory Board has established the reporting requirements and reviews all submitted applications and expenses.

Currently, the statutory reference, authority and requirements for the Search and Rescue Financial Assistance Program can be found in Utah State Code: 53-2a-1101 through 53-2a-1104.

### Search and Rescue Data

In Utah, each SAR mission is assigned a unique incident number to identify all reported events. All reports are filed with the Division of Emergency Management (DEM). The data from these incidents is entered into the SAR database and used to generate the statistics found in this report. The primary source of this data comes from the County Sheriffs' Offices, who respond to the majority of the missions in the state.

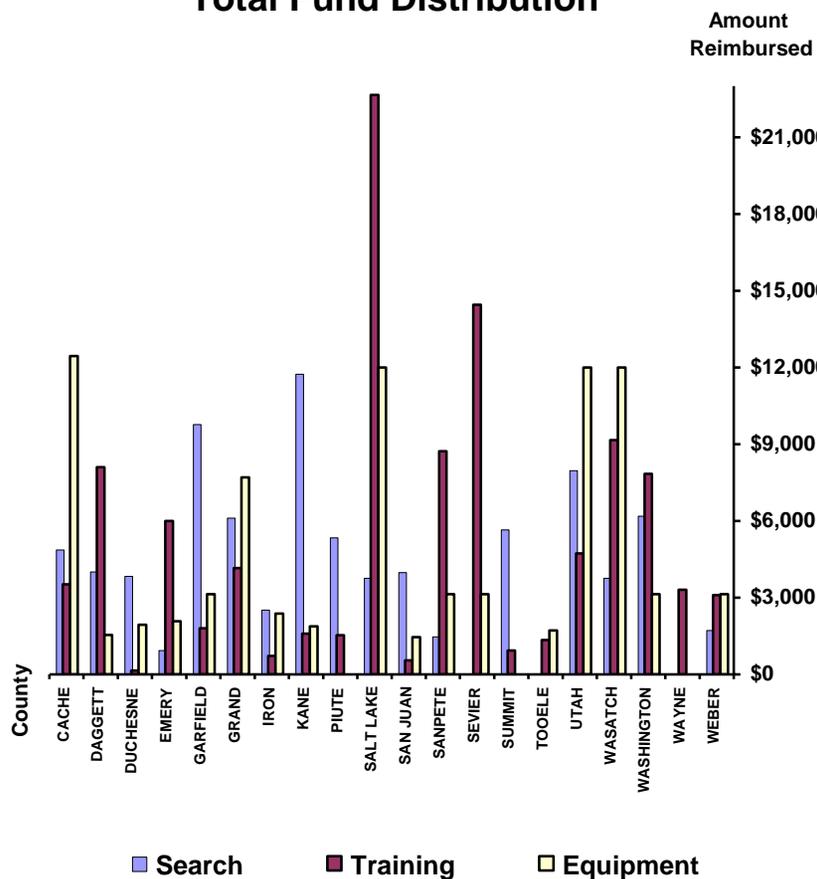
All the data found in this report is derived from the reports submitted by the county sheriffs. The database includes only partial data. If DEM does not receive a report, then the SAR missions for that county are not represented in the annual report.

## 2017 Search and Rescue Annual Report

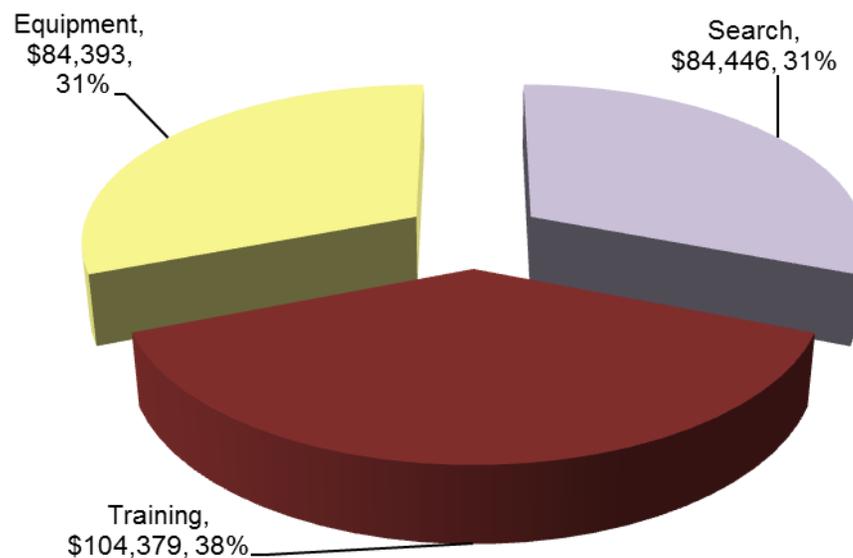
The following graph displays the total funds distributed to the counties for State Fiscal Year 2017.

This graph shows the total funds distributed according to how the money was spent for State Fiscal Year 2017.

### Total Fund Distribution



### Total Distribution



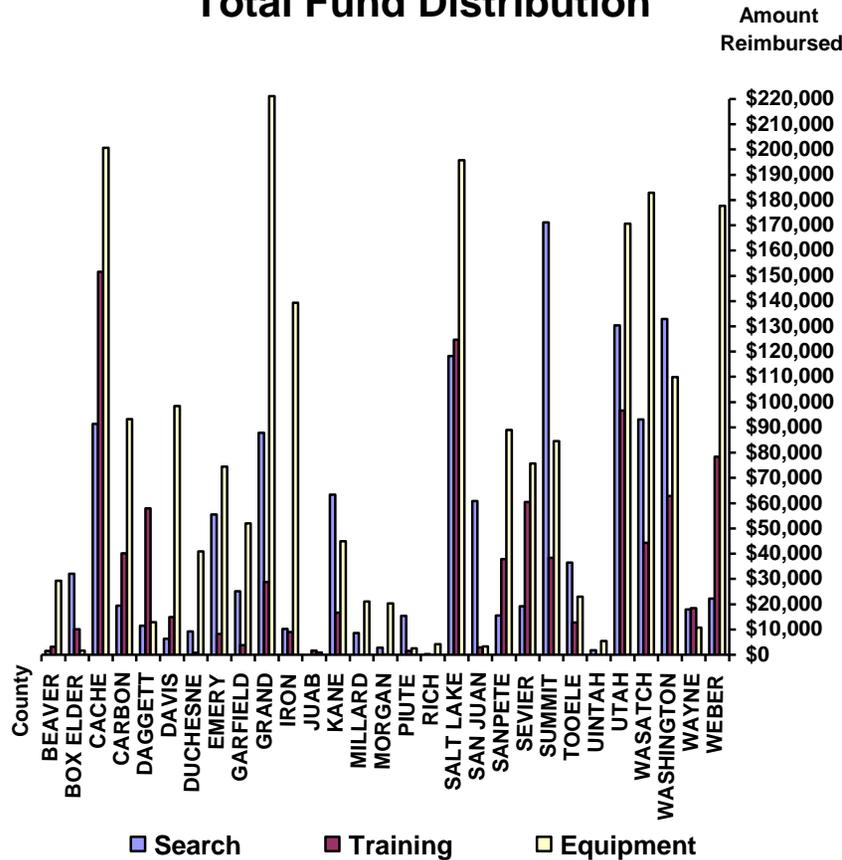
Total funds distributed in State Fiscal Year 2017 amounted to \$273,218.

## 2017 Search and Rescue Annual Report

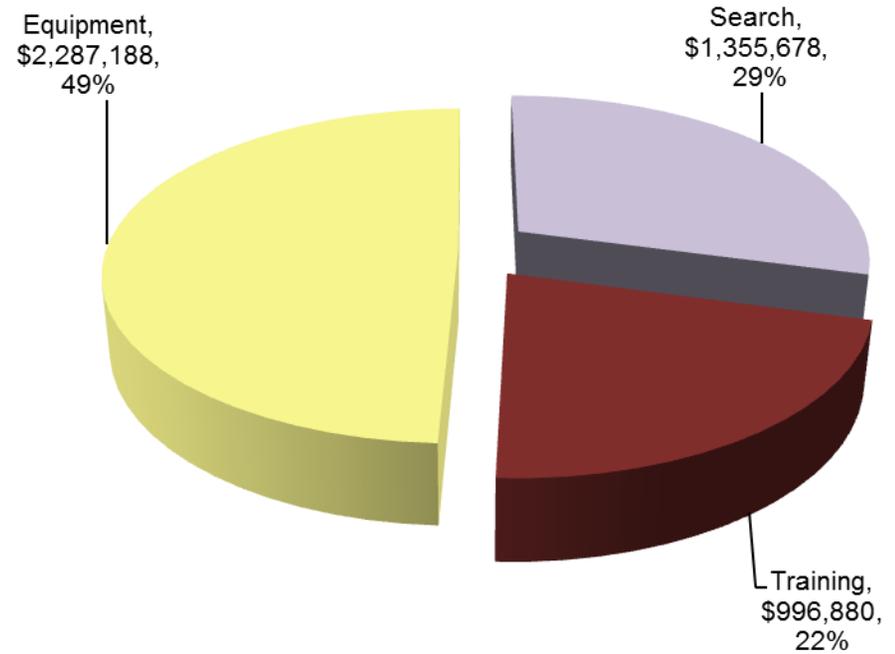
The following graph displays the total funds distributed to the counties for State Fiscal Years 1998 - 2017.

This graph shows the total funds distributed according to how the money was spent for State Fiscal Years 1998 - 2017.

### Total Fund Distribution



### Total Fund Distribution 1998-2017



Total funds distributed in State Fiscal Year 1998-2017 totals \$4,639,747.

## 2017 Search and Rescue Annual Report

This table identifies the amount of funding reimbursed to each county during 2017. Funding is broken down into the three eligible categories for reimbursement.

	<u>Search</u>	<u>Training</u>	<u>Equipment</u>
BEAVER	\$0	\$0	\$0
BOX ELDER	\$0	\$0	\$0
CACHE	\$4,921	\$3,523	\$12,004
CARBON	\$0	\$0	\$0
DAGGETT	\$4,060	\$8,105	\$1,549
DAVIS	\$0	\$0	\$0
DUCHESNE	\$3,889	\$154	\$1,938
EMERY	\$978	\$6,004	\$2,075
GARFIELD	\$9,817	\$1,808	\$3,132
GRAND	\$6,155	\$4,159	\$7,703
IRON	\$2,564	\$723	\$2,380
JUAB	\$0	\$0	\$14
KANE	\$11,788	\$1,587	\$1,885
MILLARD	\$0	\$0	\$0
MORGAN	\$0	\$0	\$0
PIUTE	\$5,385	\$1,578	\$0
RICH	\$0	\$0	\$0
SALT LAKE	\$3,803	\$22,654	\$12,004
SAN JUAN	\$4,037	\$543	\$1,452
SANPETE	\$1,516	\$8,719	\$3,132
SEVIER	\$0	\$14,454	\$3,132
SUMMIT	\$5,706	\$938	\$0
TOOELE	\$0	\$1,349	\$1,722
UINTAH	\$0	\$0	\$0
UTAH	\$8,010	\$4,727	\$12,004
WASATCH	\$3,811	\$9,159	\$12,004
WASHINGTON	\$6,233	\$7,835	\$3,132
WAYNE	\$0	\$3,307	\$0
WEBER	\$1,773	\$3,103	\$3,132

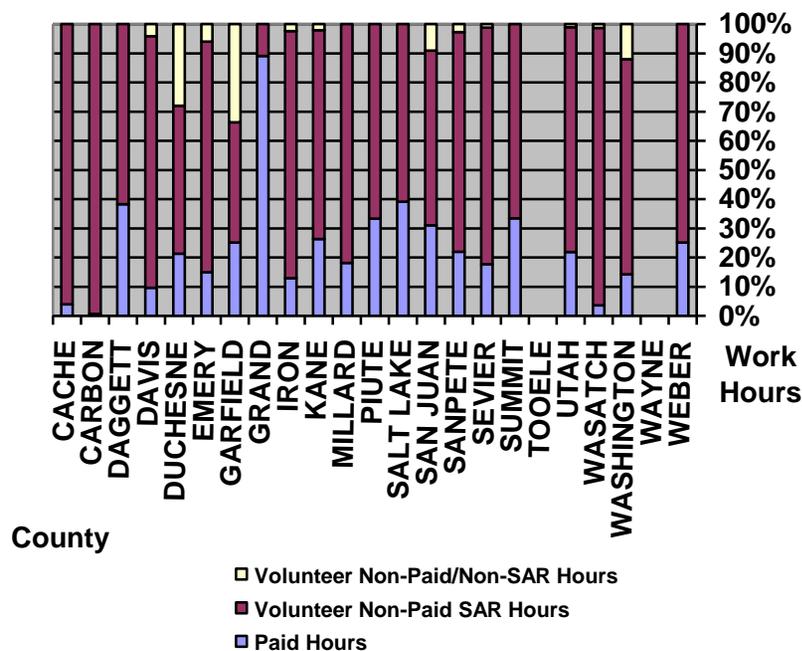
This table identifies the amount of funding reimbursed to each county between 1998 and 2017. Funding is broken down into the three eligible categories for reimbursement.

	<u>Search</u>	<u>Training</u>	<u>Equipment</u>
BEAVER	\$2,540	\$3,150	\$33,097
BOX ELDER	\$35,040	\$11,560	\$1,651
CACHE	\$94,811	\$161,970	\$215,560
CARBON	\$27,729	\$40,143	\$93,227
DAGGETT	\$12,685	\$71,326	\$13,915
DAVIS	\$6,348	\$15,064	\$113,234
DUCHESNE	\$9,470	\$728	\$41,251
EMERY	\$55,653	\$8,208	\$78,345
GARFIELD	\$27,776	\$3,781	\$55,912
GRAND	\$96,075	\$30,348	\$232,027
IRON	\$11,929	\$8,957	\$143,255
JUAB	\$0	\$3,527	\$4,726
KANE	\$67,243	\$23,623	\$48,089
MILLARD	\$8,826	\$0	\$23,939
MORGAN	\$4,077	\$98	\$20,320
PIUTE	\$15,368	\$1,578	\$6,380
RICH	\$210	\$0	\$4,148
SALT LAKE	\$127,412	\$128,539	\$196,704
SAN JUAN	\$64,056	\$2,874	\$3,331
SANPETE	\$15,525	\$39,245	\$92,109
SEVIER	\$21,031	\$68,514	\$78,668
SUMMIT	\$183,702	\$41,071	\$84,717
TOOELE	\$36,945	\$15,884	\$25,753
UINTAH	\$1,805	\$0	\$5,425
UTAH	\$137,755	\$101,617	\$183,962
WASATCH	\$95,848	\$44,280	\$182,868
WASHINGTON	\$145,932	\$66,695	\$112,458
WAYNE	\$25,593	\$18,400	\$10,732
WEBER	\$24,295	\$85,781	\$181,548

## 2017 Search and Rescue Annual Report

This graph depicts the total work hours as a percentage for 2017 by county. The types of work include volunteer non-paid/non-SAR hours, volunteer non-paid SAR hours, and paid hours.

### Total Hours Worked as a Percentage



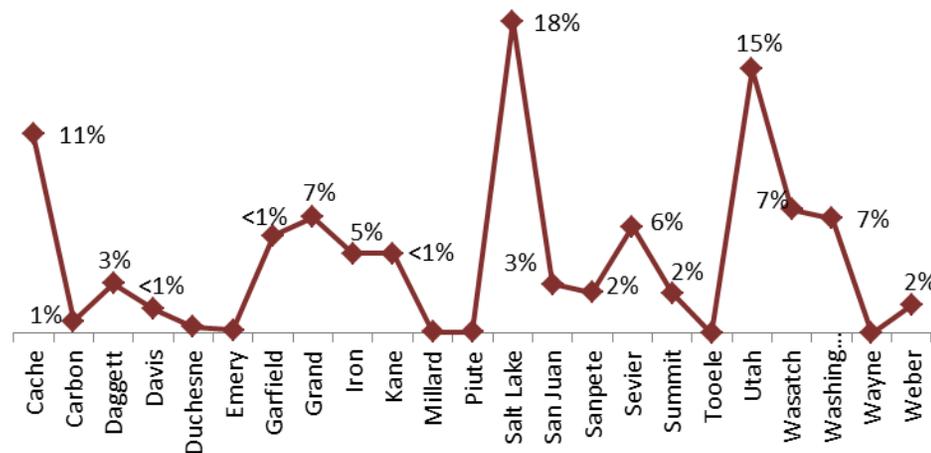
County

- Volunteer Non-Paid/Non-SAR Hours
- Volunteer Non-Paid SAR Hours
- Paid Hours

Total volunteer non-paid/non-SAR = 1,557 hours  
 Total volunteer non-paid SAR = 29,680 hours  
 Total paid personnel = 10,997 hours

This graph represents the percentage of overall statewide hours worked by each county during 2017.

### Total Hours Worked



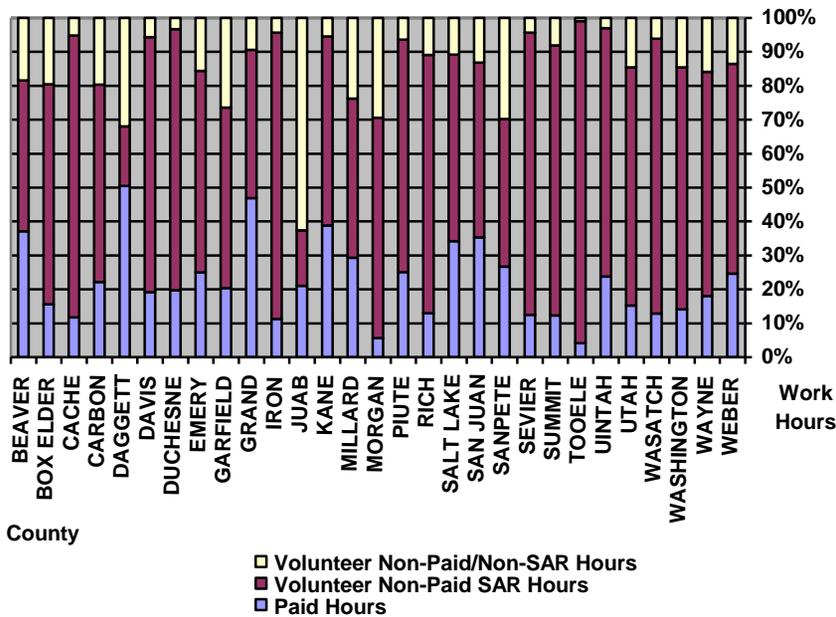
Total personnel hours for the state in the year of 2017 amounted to 42,232 hours.

## 2017 Search and Rescue Annual Report

This graph depicts the total work hours, as a percentage, for 1998 - 2017 by county. The types of work include volunteer non-paid/non-SAR hours, volunteer non-paid SAR hours, and paid hours.

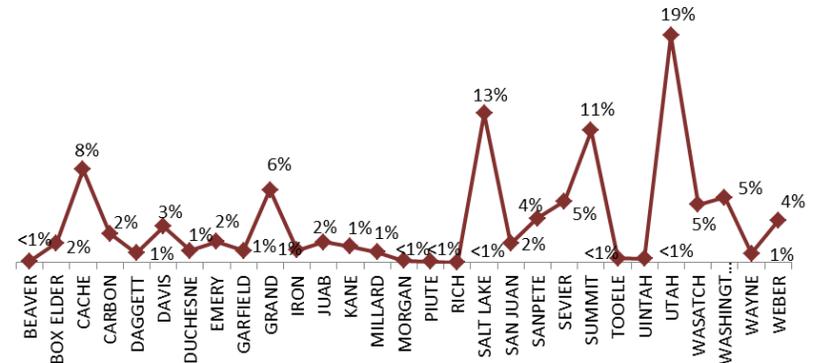
This graph represents the percentage of overall statewide hours worked by each county from 1998-2017.

### Total Hours Worked as a Percentage



Total volunteer non-paid/non-SAR = 107,941 hours  
 Total volunteer non-paid SAR= 571,544 hours  
 Total paid = 181,039 hours

### Total Hours Worked



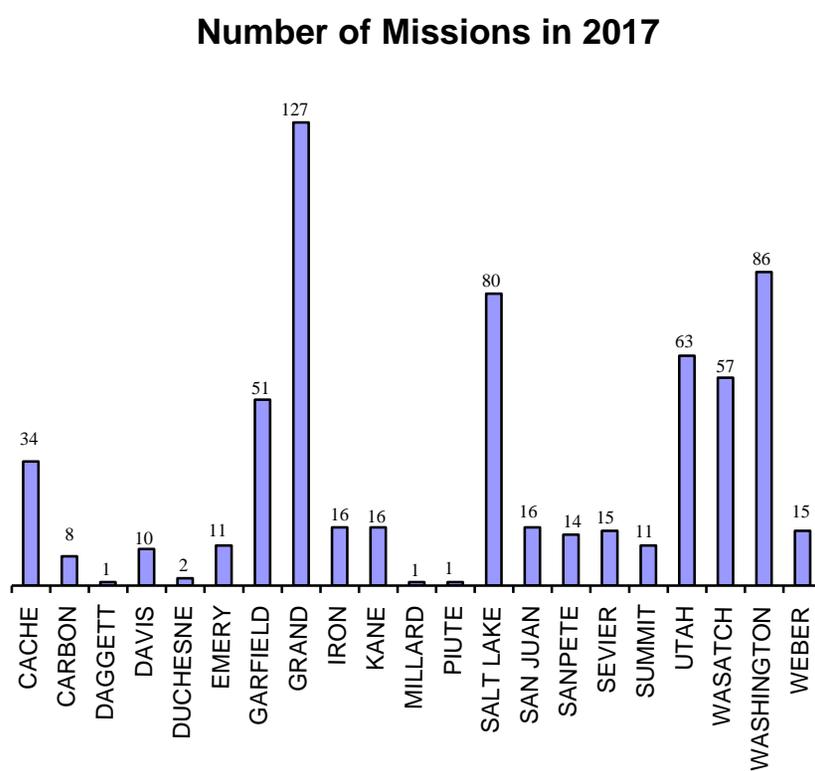
Total personnel hours for state in years 1998 through 2017 amounted to 863,071 hours.

## 2017 Search and Rescue Annual Report

This graph depicts the number of SAR missions occurring by county during state year 2017.

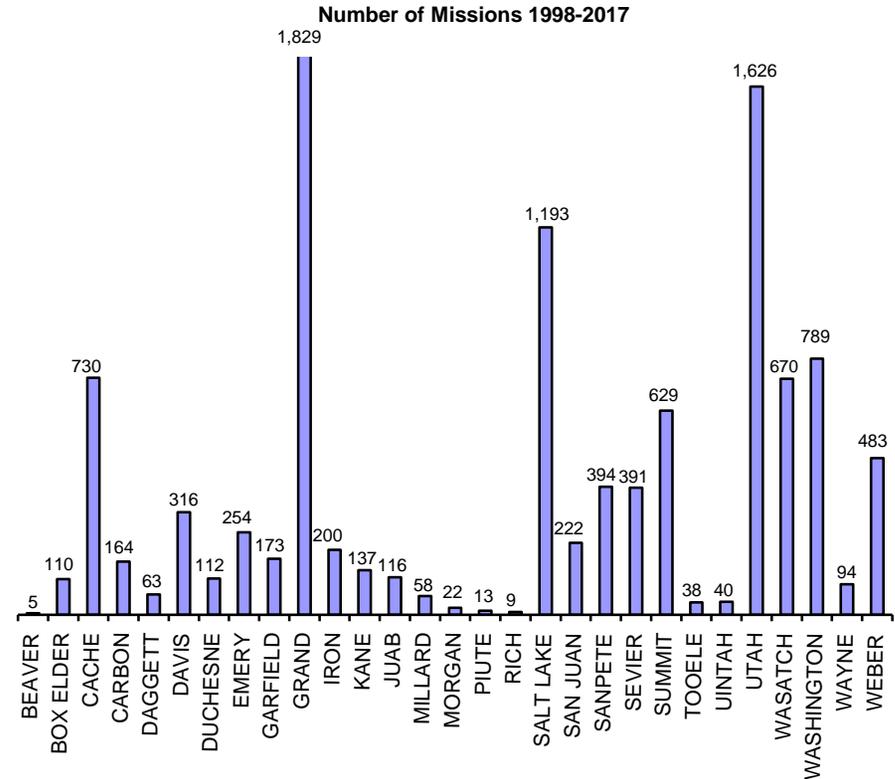
This graph depicts the number of SAR missions occurring by county for state year's 1998 - 2017.

### Number of Missions in 2017



There were a total of 584 missions submitted to the SAR Advisory Board for state year 2017.

### Number of Missions 1998-2017

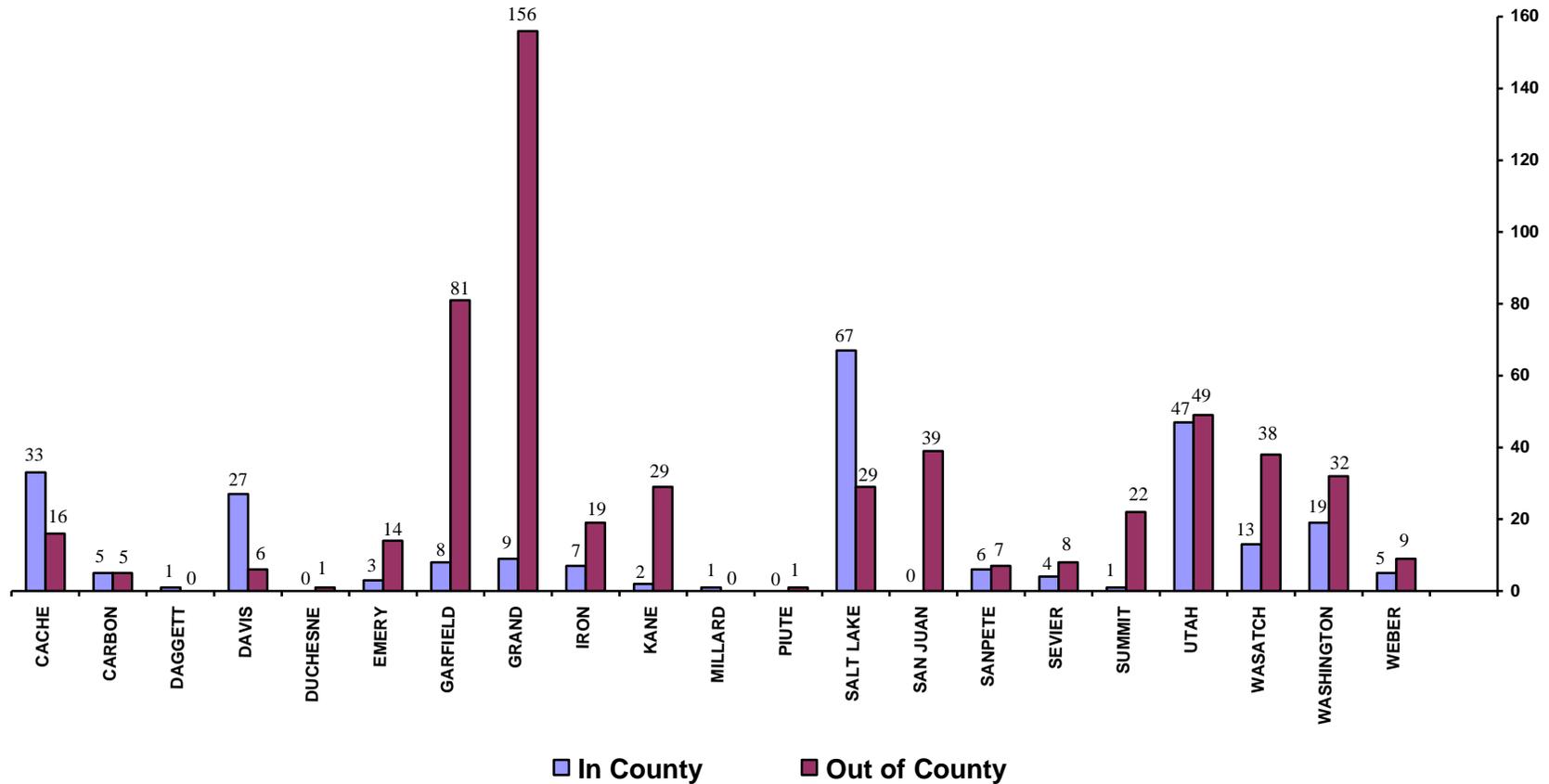


There were a total of 10,893 missions submitted to the SAR Advisory Board from 1998-2017.

## 2017 Search and Rescue Annual Report

This graph depicts the residency of the victims on the SAR reports for 2017\*. It explains whether the victims are from the county where the search was conducted or from outside of that county.

### Victims Residence in 2017



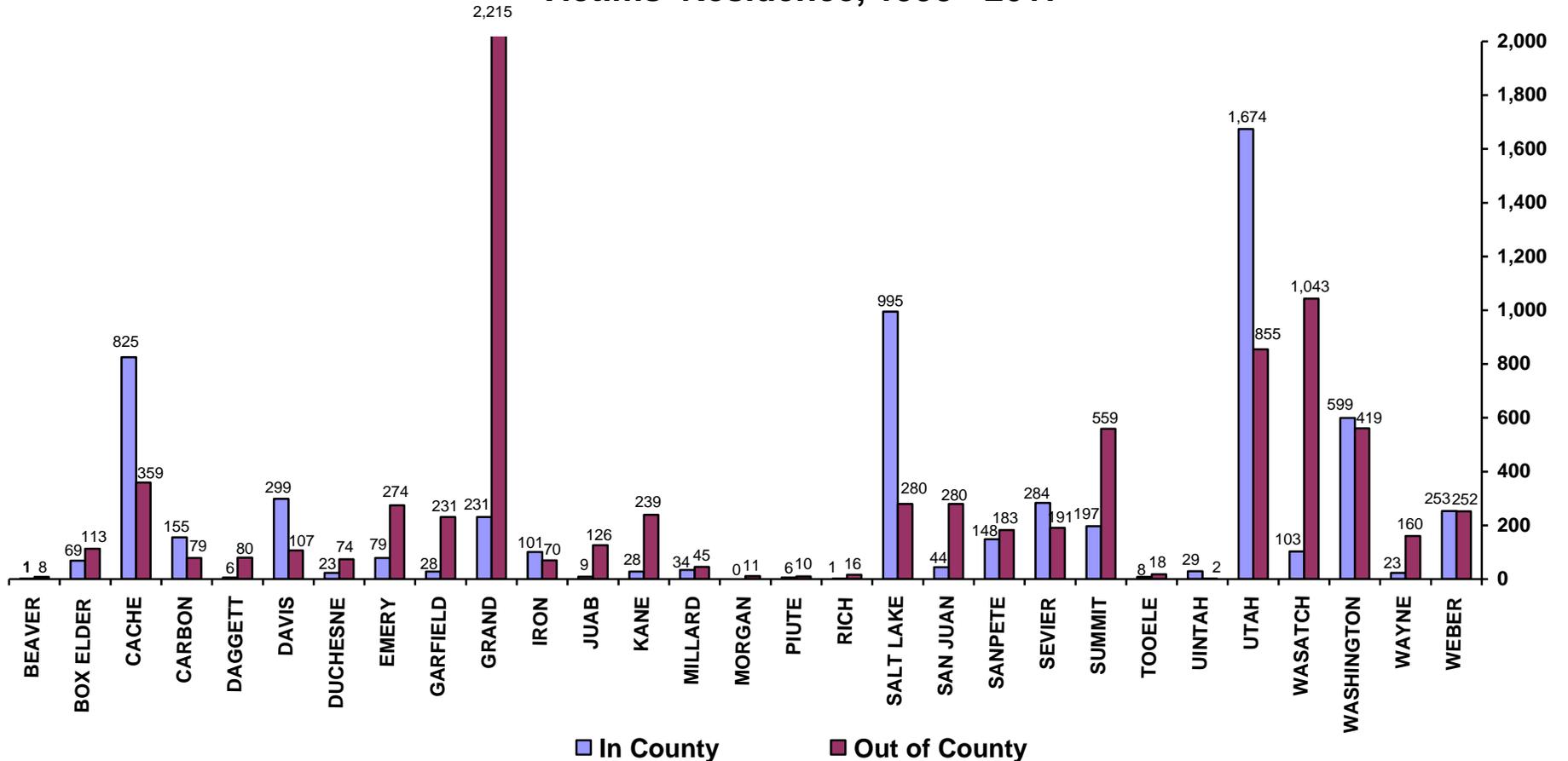
The total number of victims who live in the counties where the search took place was 258. Sixty-eight percent of victims (561 total) were rescued in a county in which they do not reside.

\*Based on submitted information

## 2017 Search and Rescue Annual Report

This graph depicts the residency of the victims on the SAR reports from 1998 through 2017. It explains whether the victims are from the county where the search was conducted or from outside of that county.

### Victims' Residence, 1998 - 2017



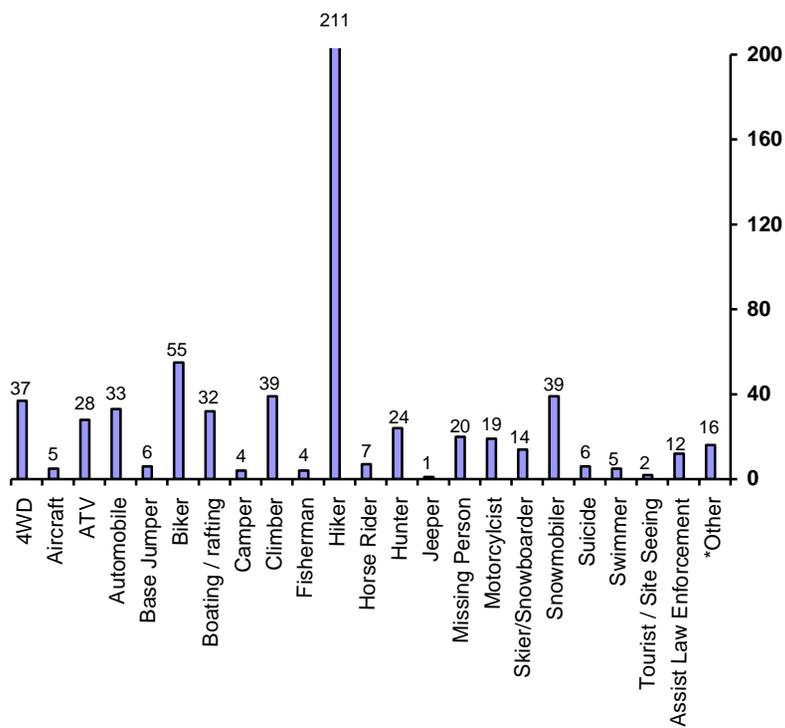
The total number of victims who live in the counties where the search took place is 6,251.  
The total number of victims who live outside of the counties is 8,742.

## 2017 Search and Rescue Annual Report

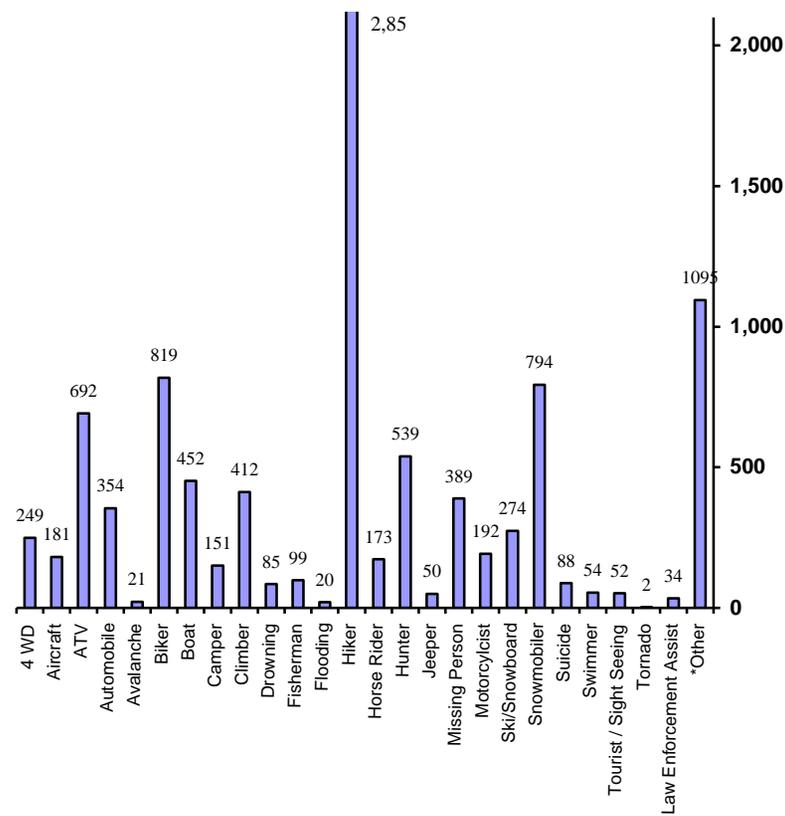
This graph displays the various activities that required the assistance of the Search and Rescue teams during 2017.

This graph shows the types of activities that required the assistance of the Search and Rescue teams from 1998-2017.

### Types of Activity in 2017



### Types of Activity in 1998 - 2017



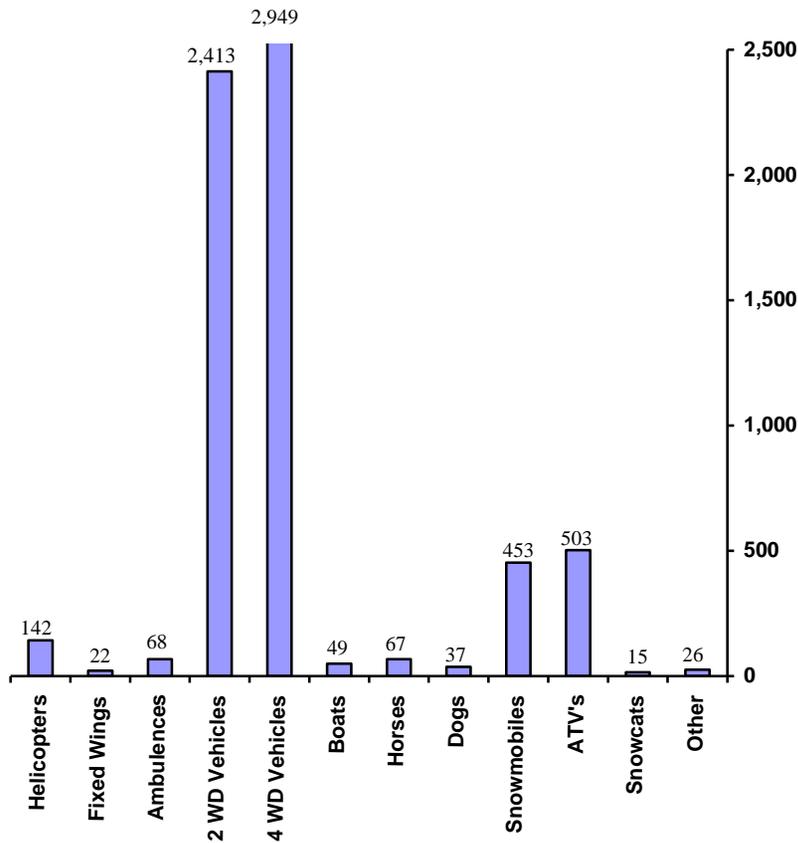
\*The high number of "Other" is due to "N/A" responses in the Activity Report.

## 2017 Search and Rescue Annual Report

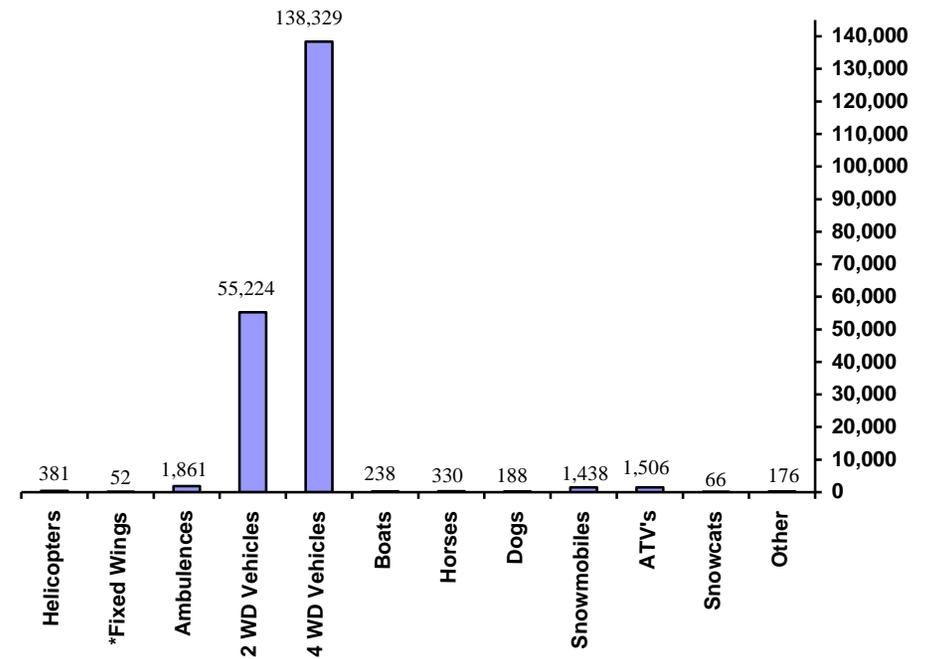
This graph depicts the type of transportation utilized by Search and Rescue teams in 2017.

This graph depicts the number of hours or miles for the various types of transportation utilized in 2017.

### Types of Transportation in 2017



### Hours or Miles Reported in 2017



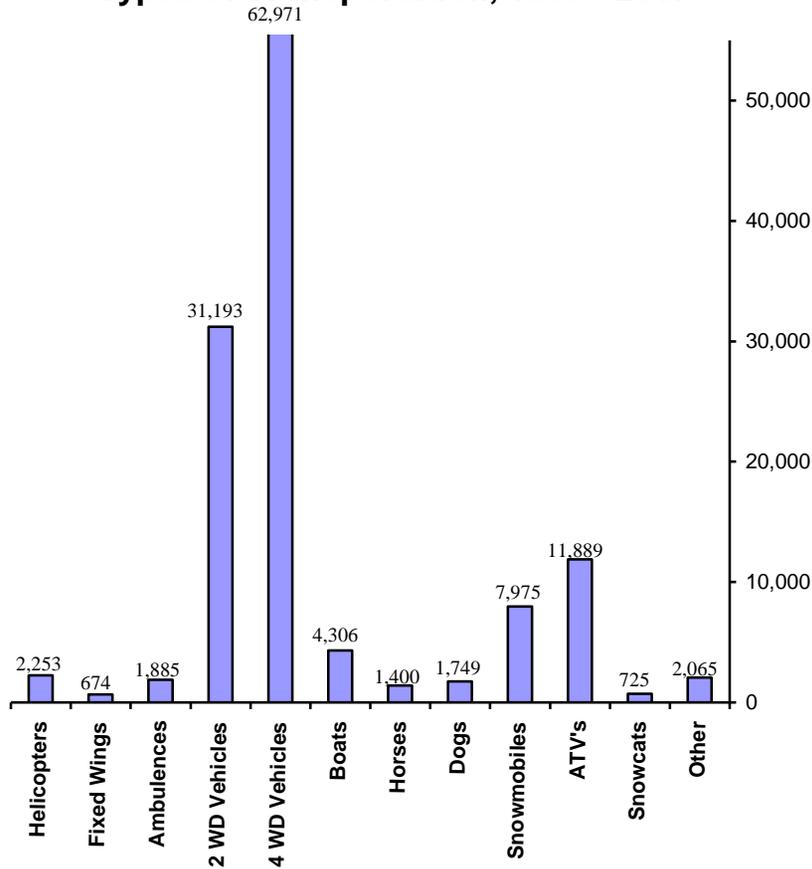
Helicopters, fixed wings, boats, horses, dogs and snowcats are reported in hours. The other types of transportation are reported in miles.

## 2017 Search and Rescue Annual Report

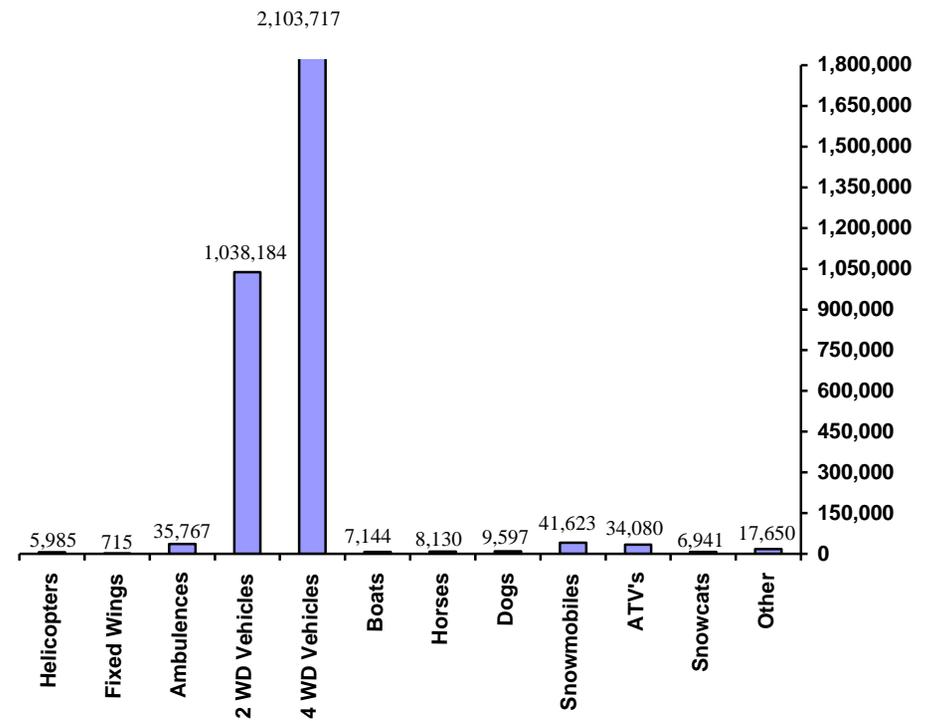
This graph depicts the type of transportation utilized by Search and Rescue teams from 1998-2017.

This graph depicts the number of hours or miles for the different transportation types utilized from 1998 through 2017.

### Types of Transportation, 1998 - 2017



### Hours or Miles Reported, 1998 - 2017



Helicopters, fixed wings, boats, horses, dogs and snowcats are reported in hours. The other transportation is reported in miles.